

## Quantum Effects in Photosynthesis

**Speaker:** Cesar A. Rodriguez-Rosario, Ph.D.  
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**Date:** Wednesday, July 14, 2010

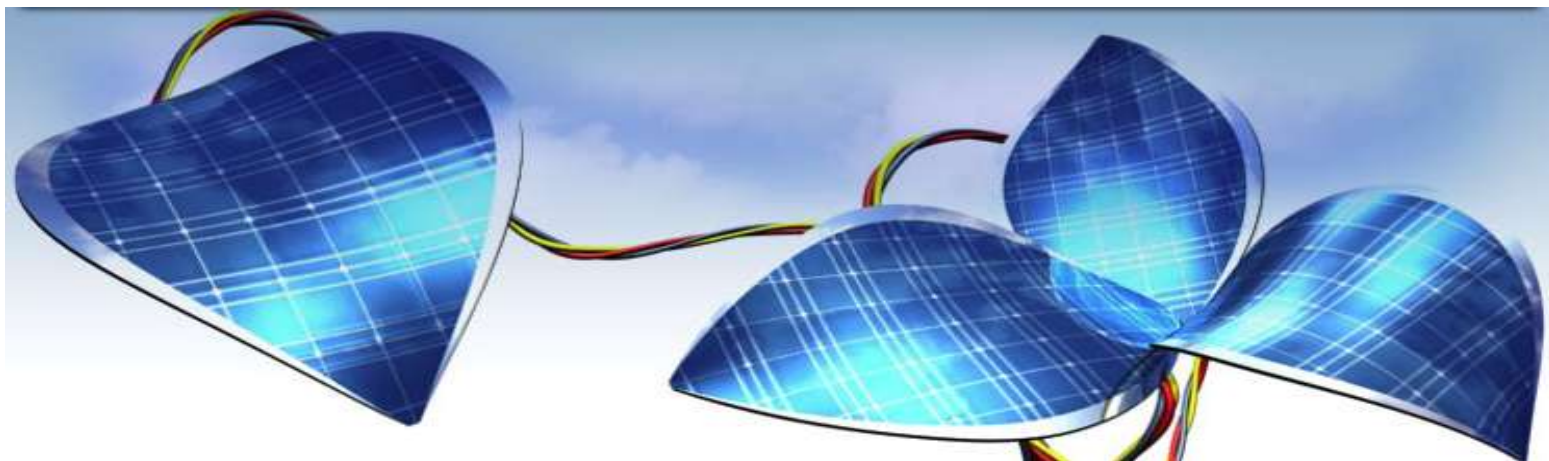
**Time:** 12 Noon – 1:00 PM

**Place:** Wilson Hall Curia II

**Abstract for Presentation:**

Photosynthesis is one of the most important chemical reactions. How can energy transfer in photosynthetic complexes be so efficient?

Recent experiments suggest that quantum effects might play a role here. We use theoretical techniques from quantum computation to analyze these experiments and apply these lessons to design better solar panels.



 **Fermilab**

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